

FRENCH LIMITED SITE
CROSBY, TEXAS

Aquifer Sampling Report
1st Quarter, 1997

Prepared by:

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Submitted to:

U.S. Environmental Protection Agency
Region 6
Dallas, Texas

March, 1997



APPENDIX A

**JANUARY 1997 GROUNDWATER SAMPLING
RESULTS AND QA/QC SUMMARY**



Memo

To: Dick Sloan
From: Ron Jansen
CC: Jim Thomson
Date: March 14, 1997
Re: French Limited Quarterly Groundwater Monitoring Event - January, 1997

Attached are the analytical result summaries and QA/QC summary for samples collected at French Limited Project in January, 1997.

Analytical QA/QC Summary

1.0 Sampling Summary

Groundwater samples were collected from French Limited on January 20, 22, 23 and 24, 1997. The samples were delivered to American Analytical under properly executed chain-of-custody documents. The samples were analyzed at the AATS facility pursuant to instructions on the chain-of-custody and verbal instructions from Ron Jansen. A total of 33 samples were submitted for analysis. A subset of the samples were filtered in the field and submitted for TOC analysis only. The analytical results for this subset of samples is submitted in Appendix A (Analytical Summaries) as TOC (Filtered).

All samples were collected using the micro-purge groundwater sampling technique. The following is a description of the sampling method:

The well head cover is unlocked and inspected. Any needed repairs are performed or are noted for later repair. A water level measurement is taken and written on a field data sheet. A peristaltic pump is connected to the Tygon tubing that is attached to the stainless steel micro-purge tube in the well. The pumped water passes into and through a flow-through cell (a modified clean sampling container). Measurement of dissolved oxygen and pH are taken in the flow-through cell until both measurements stabilize (purged volume ranged between 1 and 2.5 gallons, but were typically 1.5 gallons). Measurements are then taken for specific conductivity and temperature and recorded on a field data sheet. A sample is collected from the pump outlet into clean laboratory grade sample containers. If the well was selected to be analyzed for filtered TOC, an in-line 0.25 micron cartridge filter was installed. Approximately one liter of water was pumped through the filter before a sample was collected. All samples were placed in a cooler with ice and submitted to the lab courier for delivery to the laboratory.



1.1 Analytical Data Validation

All analytical data was validated manually for these samples. All analytical data met QA/QC requirements. Table 1-1 outlines the QC checks made on this data as applicable to the analytical method.

TABLE 1-1
QA/QC Validation Check Summary

Validation Check
Holding Time - Method stated time between date sampled and date of extraction or analysis
Method Sequence - Method stated sequence of analyses for instrument calibration and duration of sample analysis time after compliant calibration
Initial Calibration (%RSD & RRF) - Percent relative standard deviation(%RSD) Verifies linearity over the stated calibration range - method specific Relative response factor(RRF) Criteria ensures adequate instrument sensitivity for method specified analytes
Continuing Calibration (%D) - Method stated percent difference range for calibration verification
Internal Standard Response(where applicable) - A measure of instrument stability
Surrogate Recovery - Surrogate compounds are added to the analysis procedure at a known concentration to verify method effectiveness. Surrogate recoveries are method specific ranges used to qualify analytical results.
Method Blank and Trip Blank Cleanliness - Laboratory prepared sample to verify sampling and analytical procedures in a clean matrix
MS/MSD Recovery & Precision Data - Checks sampling, preparation and analysis accuracy and precision
Blind Field Duplicate Precision - Checks sampling, preparation and analysis reproducibility

The holding time for Nitrate-N and Orthophosphate-P is 48 hours. Due to a mistaken delivery by Federal Express, some of the wells had to re-sampled for nutrient analyses. These samples were collected on January 27, 1997. This does not affect the quality of the analytical data.

All field duplicate analyses were within acceptable range. Field duplicate precision results are presented in Attachment B

Results for the comparison of TOC vs. TOC (Filtered) were not what would be expected. Although the concentration of TOC in the filtered samples were consistently higher than in the unfiltered samples, the results are within the range of analytical variability and no conclusions can be drawn from these results. A summary of this comparison is presented in Attachment C.

1.2 Analytical Results Summary

Analytical results for samples are summarized in Attachment A.



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Attachment A
Analytical Summaries

GROUNDWATER PROGRESS MONITORING
FLTG-013

French Limited Project
 FLTG, Inc.

			Date Collected :	12/14/92	12/29/93	12/21/94	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									2.37	1.99
DISSOLVED OXYGEN	PPM				2.6	1.8	1.8	1.8	0.1	1.	0.3
FIELD PH	pH un			7.82	7.4	7.44	7.44	7.01	7.01	6.9	6.61
GALLONS REMOVED	gals										1.5
SPECIFIC CONDUCTIVITY	umhos			800.	300.	300.	350.	350.	345.	600.	490.
TEMPERATURE	Deg C			21.	21.	21.	21.	21.	22.	23.	20
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)		mg/L									
TOTAL ORGANIC CARBON		mg/L			8.1	< 5.	4.4	4.4	< 1.	3.4	5.8
NUT											
AMMONIA-N		mg/L			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
NITRATE-N		mg/L			< 2.	0.41	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2
ORTHO PHOSPHATE-P		mg/L			< 2.	< 0.1	< 0.1	< 0.1	0.08	< 0.1	< 0.1
POTASSIUM		ug/L			0.93	1.13	1.06	1.06	1.1	1.12	0.94
VOA											
1,2-DICHLOROETHANE	5	ug/L	< 5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5.	< 5
ACETONE	3500	ug/L	< 10.	< 6.	< 6.	< 6.	< 6.	< 6.	< 6.	< 10.	< 10
BENZENE	5	ug/L	3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 5.	J 2.
TOLUENE	1000	ug/L	3.	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5
VINYL CHLORIDE	2	ug/L	< 10.	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	3

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
FLTG-014

French Limited Project
 FLTG, Inc.

		Date Collected :		12/14/92	12/29/93	12/21/94	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									1.74	1.63
DISSOLVED OXYGEN	PPM				2.4	1.4	1.7	0.1	1.4	0.15	
FIELD PH	pH un			7.77	7.15	7.03	6.97	6.61	6.81		
GALLONS REMOVED	gals										1.25
SPECIFIC CONDUCTIVITY	umhos				1000.	220.	300.	390.	1100.	419.	
TEMPERATURE	Deg C				21.	19.	22.	22.	24	18.	
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)		mg/L									
TOTAL ORGANIC CARBON		mg/L			8.2	< 3.	5.9	< 1	5.6	7.8	
NUT											
AMMONIA-N		mg/L			< 0.1	0.5	0.7	0.87	0.6	0.7	
NITRATE-N		mg/L			< 2	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	
ORTHOPHOSPHATE-P		mg/L			< 2	< 0.1	< 0.1	0.37	0.1	0.1	
POTASSIUM		ug/L			1.82	1.3	1.61	1.8	1.81	1.65	
VOA											
1,2-DICHLOROETHANE	5	ug/L	< 5.	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5	< 5	
ACETONE	3500	ug/L	< 10.	< 6	< 6.	< 6.	< 6.	< 6	< 10	< 10	
BENZENE	5	ug/L	2.	< 0.3	< 0.3	< 0.3	7.	< 0.3	< 5	< 5	
TOLUENE	1000	ug/L	2.	< 0.5	< 0.5	< 0.5	3.	< 0.5	< 5	< 5	
VINYL CHLORIDE	2	ug/L	< 10.	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10	< 2	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-022

French Limited Project
 FLT.G, Inc.

			Date Collected :	4/4/95	10/2/95	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								5.29	4.88
DISSOLVED OXYGEN	PPM		4.2	1.8	1.6	0.2	0.8	0.2		
FIELD PH	pH un		7.09	6.88	6.9	7.21	7.01	6.81		
GALLONS REMOVED	gals									1.75
SPECIFIC CONDUCTIVITY	umhos		850.	550.	600.	650.	875.	775		
TEMPERATURE	Deg C		24.	23.	21.	22.	23.	21.		
MET										
ARSENIC	50	ug/L		21.						
CHROMIUM	100	ug/L		< 10.						
LEAD	15	ug/L		< 5.						
MISC										
TOC (FILTERED)		mg/L								
TOTAL ORGANIC CARBON	160	mg/L	25.	< 0.4	4.2	< 1	4.1	6.5		
NUT										
AMMONIA-N		mg/L	0.8	0.8	0.4	0.13	0.3	0.2		
NITRATE-N		mg/L	16.7	2.	0.24	0.07	< 0.2	< 0.2		
ORTHOPHOSPHATE-P		mg/L	< 0.2	2.6	< 0.1	0.08	< 0.1	< 0.1		
POTASSIUM		ug/L	83.8	31.7	33.1	39.	28.8	27.9		
VOA										
1,2-DICHLOROETHANE	5	ug/L	9.	< 0.8	< 0.8	< 0.8	< 5.	< 5.		
ACETONE	3500	ug/L	< 6	< 6.	< 6	< 6.	< 10.	< 10		
BENZENE	5	ug/L	9.	44.	< 0.3	< 0.3	4.	< 5		
TOLUENE	1000	ug/L	< 0.5	3.	< 0.5	< 0.5	3.	< 5		
VINYL CHLORIDE	2	ug/L	19.	26.	< 1.2	< 1.2	< 10.	< 2		

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-026

French Limited Project
 FLTG, Inc.

			Date Collected :	4/4/95	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft							3.68	2.56
DISSOLVED OXYGEN	PPM			2.5	1.2	0.1	0.7	0.2	0.2
FIELD PH	pH un			6.37	6.95	7.	6.95	7.22	7.22
GALLONS REMOVED	gals								1.5
SPECIFIC CONDUCTIVITY	umhos			800.	550.	900.	1000.	810.	810.
TEMPERATURE	Deg C			22.	21.	24.	23.5	20.5	20.5
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOC (FILTERED)	mg/L								31.5
TOTAL ORGANIC CARBON	mg/L	107.	< 3.	47.3	27.6	34.1	27.5	27.5	27.5
NUT									
AMMONIA-N	mg/L		1.2	1.6	2.	1.5	0.6	0.6	0.6
NITRATE-N	mg/L		4.	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L		586.	37.4	35.	36.3	9.4	9.4	9.4
POTASSIUM	ug/L		926.	82.4	78.	43.7	18.7	18.7	18.7
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6	< 6.	< 6.	< 10.	< 10	< 10	< 10
BENZENE	5	ug/L	180	98.	100.	75.	24	24	24
TOLUENE	1000	ug/L	7.	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10	< 2.	< 2.	< 2.

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-059-P-2

French Limited Project
 F.L.G. Inc.

	Date Collected :	12/11/92	12/29/93	12/21/94	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft							6.78	5.38
DISSOLVED OXYGEN	PPM				0.7	1.3	6.61	0.8	0.1
FIELD PH	pH un				6.95	7.03	6.86	6.66	6.73
GALLONS REMOVED	gals								1
SPECIFIC CONDUCTIVITY	umhos				230.	300.	390.	975.	490.
TEMPERATURE	Deg C				23.	21.	24.	25.	21.
MET									
ARSENIC	50 ug/L			47.3	68.	50.	32.	41.	46.
CHROMIUM	100 ug/L			< 0.7	< 10.	< 10.	< 10.	< 10.	< 10
LEAD	15 ug/L				< 5.	< 5.	< 3.	< 5.	< 5
MISC									
TOC (FILTERED)	mg/L								
TOTAL ORGANIC CARBON	mg/L			18.4	< 5				
NUT									
AMMONIA-N	mg/L			0.42					
NITRATE-N	mg/L			< 2.					
ORTHOPHOSPHATE-P	mg/L			2.6					
POTASSIUM	ug/L						2.6		
VOA									
1,2-DICHLOROETHANE	5 ug/L	< 5000.	12.	< 0.8					.5
ACETONE	3500 ug/L	100000	9713.	< 6.					.10
BENZENE	5 ug/L	< 5000.	443.	21.					J.3
TOLUENE	1000 ug/L	< 5000.	97.	< 0.5					< 5.
VINYL CHLORIDE	2 ug/L	< 10000	24.	< 1.2					< 2

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-060-P-3

French Limited Project
 FLTG, Inc.

			Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units							
FLD								
DEPTH TO WATER	Ft						6.06	4.99
DISSOLVED OXYGEN	PPM	15.	15.	15.	13.	9.7		
FIELD PH	pH un	6.77	7.02	7.14	7.06	7.17		
GALLONS REMOVED	gals					2.5		
SPECIFIC CONDUCTIVITY	umhos	500.	850.	1380.	1425.	1150.		
TEMPERATURE	Deg C	22.	21.	24.	24.5	21.		
MET								
ARSENIC	50 ug/L							
CHROMIUM	100 ug/L							
LEAD	15 ug/L							
MISC								
TOC (FILTERED)	mg/L							
TOTAL ORGANIC CARBON	mg/L	< 3.	2.2	< 1.	1.4	4.		
NUT								
AMMONIA-N	mg/L	< 0.1	0.1	< 0.1	< 0.1	< 0.1		
NITRATE-N	mg/L	41.6	112.	100.	91.	74.4		
ORTHOPHOSPHATE-P	mg/L	0.2	< 0.1	0.06	< 0.1	< 0.1		
POTASSIUM	ug/L	37.9	118	120.	124.	85.6		
VOA								
1,2-DICHLOROETHANE	5 ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.		
ACETONE	3500 ug/L	< 6.	< 6	< 6.	< 10.	< 10.		
BENZENE	5 ug/L	< 0.3	25	< 0.3	< 5.	< 5.		
TOLUENE	1000 ug/L	< 0.5	11.	< 0.5	< 5.	< 5		
VINYL CHLORIDE	2 ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.		

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-101**

French Limited Project
FLTG, Inc.

			Date Collected :	8/2/95	10/2/95	12/15/95	1/22/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									5.48	4.99
DISSOLVED OXYGEN	PPM	0.3	1.7	0.5	1.	1.4	0.03	0.9	0.4		
FIELD PH	pH un	6.53	7.14	6.85	6.97	6.79	6.75	6.99	7.48		
GALLONS REMOVED	gals										1.5
SPECIFIC CONDUCTIVITY	umhos	700.	400.	500.	500.	470.	600.	650	700.		
TEMPERATURE	Deg C	23.	24.	23.	23.	21.	22.	23.	21		
MET											
ARSENIC	50	ug/L		115.	96	60.	60.	65.	36.		
CHROMIUM	100	ug/L		< 10.	< 10.	< 10.	< 10.	< 10	< 10.		
LEAD	15	ug/L		< 5.	< 5	< 5.	< 3.	< 5.	< 5		
MISC											
TOC (FILTERED)		mg/L									12.9
TOTAL ORGANIC CARBON		mg/L	86.	99.	84.	< 3	29.4	8.8	12.5	7.4	
NUT											
AMMONIA-N		mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
NITRATE-N		mg/L	< 0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	< 0.1	< 0.2	< 0.1	< 0.1	0.48	0.64	0.2	0.2	
POTASSIUM		ug/L	1.25	0.7	1.39	0.69	0.66	0.63	0.61	0.53	
VOA											
1,2-DICHLOROETHANE	5	ug/L	< 2.	< 0.8	< 2.64	< 0.8	< 0.8	< 0.8	< 5	< 5	
ACETONE	3500	ug/L	< 15.	150.	< 19.8	< 6.	< 6.	< 6.	< 10	< 10	
BENZENE	5	ug/L	400.	300.	218.	120.	36.	36.	33	9	
TOLUENE	1000	ug/L	< 1.25	< 0.5	< 1.65	< 0.5	< 0.5	< 0.5	< 5	< 5.	
VINYL CHLORIDE	2	ug/L	< 3.	< 1.2	< 3.96	< 1.2	< 1.2	< 1.2	< 10	< 2	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-106**

French Limited Project
FLTG, Inc.

			Date Collected : 8/2/95	10/2/95	12/15/95	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								2.82	1.63
DISSOLVED OXYGEN	PPM	0.3	0.3	0.4	0.4	1.4	0.1	0.6	0.2	
FIELD PH	pH un	6.56	6.45	7.03	6.93	7.1	7.16	7.35	6.97	
GALLONS REMOVED	gals									1.5
SPECIFIC CONDUCTIVITY	umhos	950.	600.	550.	550.	600.	900.	1050.	1050.	
TEMPERATURE	Deg C	23.	23.	23.	23.	21.	22.	24.	21.	
MET										
ARSENIC	50	ug/L								
CHROMIUM	100	ug/L								
LEAD	15	ug/L								
MISC										
TOC (FILTERED)	mg/L									32
TOTAL ORGANIC CARBON	mg/L	51.	102.	30.	< 1.2	22.2	10.7	23.6	27.1	
NUT										
AMMONIA-N	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.11	0.1	0.1	
NITRATE-N	mg/L	0.7	0.8	13.4	3.	< 0.2	< 0.05	< 0.2	< 0.2	
ORTHOPHOSPHATE P	mg/L	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	0.09	< 0.1	< 0.1	
POTASSIUM	ug/L	3.01	2.8	3.12	2.66	2.51	2.4	1.71	1.9	
VOA										
1,2-DICHLOROETHANE	5	ug/L	110.	52.	43.	22.	63	54.	30.	< 5
ACETONE	3500	ug/L	< 6.	43.	< 6.	< 6.	< 6.	< 6.	< 10.	< 10
BENZENE	5	ug/L	22.	9.	< 0.3	< 0.3	6.	4.	10.	5
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5
VINYL CHLORIDE	2	ug/L	23.	20.	9.	< 1.2	< 1.2	< 1.2	< 10	< 2

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-108**

French Limited Project
FLTG, Inc.

			Date Collected :	8/2/95	10/2/95	12/15/95	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									4.91	3.59
DISSOLVED OXYGEN	PPM	1.5	1.2	3.8	0.6	1.5	0.1	0.7	0.2		
FIELD PH	pH un	6.46	6.37	6.76	6.8	7.19	6.99	6.66	6.78		
GALLONS REMOVED	gals										1.
SPECIFIC CONDUCTIVITY	umhos	480.	400.	410.	390.	450.	750.	800.	700.		
TEMPERATURE	Deg C	25.	23.	23	23.	21.	26.	24.5	20.		
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)	mg/L										
TOTAL ORGANIC CARBON	mg/L	13.	5.7	7.	< 0.4	5.5	< 1.	4.8	8.1		
NUT											
AMMONIA-N	mg/L	< 0.1	0.3	1	0.2	< 0.1	0.38	0.6	0.9		
NITRATE-N	mg/L	0.5	2.7	< 0.2	4.	1.2	< 0.05	0.2	0.2		
ORTHOPHOSPHATE-P	mg/L	1.9	0.4	0.27	0.82	0.9	1.1	1.9	2.3		
POTASSIUM	ug/L	44.1	41.7	9.8	41.4	39.3	43	35.4	34		
VOA											
1,2-DICHLOROETHANE	5	ug/L	25.	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5	< 5.	
ACETONE	3500	ug/L	< 6.	< 6	< 6.	< 6.	< 6	< 6	< 10	< 10	
BENZENE	5	ug/L	3.	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 5	< 5	
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5.	
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2.	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-118

French Limited Project
 FTG, Inc.

			Date Collected :	12/21/94	12/15/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								10.	10 12
DISSOLVED OXYGEN	PPM	2.		1.3	1.1	4.6	5.4	1.2	0.2	
FIELD PH	pH un	8.11		8.19	8.25	8.6	9.76	8.56	8.28	
GALLONS REMOVED	gals									1.25
SPECIFIC CONDUCTIVITY	umhos	280.		210.	245.	400.	300.	400.	310.	
TEMPERATURE	Deg C	240.		24.	24.	22.	24.	25.	23.	
MET										
ARSENIC	50	ug/L	< 3.9		< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
CHROMIUM	100	ug/L	5.9		< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 2.5		< 5.	< 5.	< 3.	< 5.	< 5.	< 5.
MISC										
TOC (FILTERED)		mg/L								
TOTAL ORGANIC CARBON		mg/L	5.	2.4	5.	< 2.	< 1.	1.4	2.7	
NUT										
AMMONIA-N		mg/L	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	0.1	
NITRATE-N		mg/L	< 2.		0.2	371	0.39	< 0.2	< 0.2	
ORTHOPHOSPHATE-P		mg/L	< 2		< 0.1	< 0.1	0.03	< 0.1	< 0.1	
POTASSIUM		ug/L	2.62		1.17	3.48	4.3	1.54	0.94	
VOA										
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5.	< 5.	
ACETONE	3500	ug/L	< 6	< 6.	< 6	< 6.	< 6	< 10.	< 10	
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 5.	< 5	
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	2.	< 5.	< 5.	
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2.	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-120

French Limited Project

FLTG, Inc.

		Date Collected :		9/1/95	11/1/95	12/15/95	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									8.84	7.45
DISSOLVED OXYGEN	PPM	15.		13.5	3.8	15.	1.6	0.12	1.1	0.2	
FIELD PH	pH un	7.15		7.05	7.33	7.18	7.05	7.86	7.52	7.59	
GALLONS REMOVED	gals										1.5
SPECIFIC CONDUCTIVITY	umhos	800.		825.	1300.	900.	750.	1350.	1350.	1300.	
TEMPERATURE	Deg C	30.		24.	23.	24.	22.	23.	25.	21.	
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)	mg/L										
TOTAL ORGANIC CARBON	mg/L	23.		32.	18.	150.	4.4	< 1.	2.6	4	
NUT											
AMMONIA-N	mg/L	< 0.1		< 0.1	< 0.1	0.94	0.9	0.25	0.4	0.3	
NITRATE-N	mg/L	24.4		19.7	329.	36.1	23.3	66.	21.1	47.4	
ORTHOPHOSPHATE-P	mg/L	< 0.2		< 0.2	37.4	470.	21.6	10.	4.1	3.5	
POTASSIUM	ug/L	66.8		54.2	94.1	834.	122.	130.	107	83.6	
VOA											
1,2-DICHLOROETHANE	5	ug/L	1400.	320.	1400.	8400.	21.	87.	34.	27	
ACETONE	3500	ug/L	160.	< 300	< 120.	< 300.	< 15.	< 6.	< 10.	< 10	
BENZENE	5	ug/L	13.	< 15.	< 6.	< 15.	5	3	5.	J 4.	
TOLUENE	1000	ug/L	5.	< 25.	< 10.	< 25.	< 1.25	< 0.5	< 5.	< 5	
VINYL CHLORIDE	2	ug/L	50.	< 60.	< 24.	260.	< 3	10	< 10.	3	

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-123**

French Limited Project
FLTG, Inc.

			Date Collected : 10/2/95	11/1/95	12/15/95	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								9.19	7.88
DISSOLVED OXYGEN	PPM	15.	15.	15.	15.	6.4	0.79	2.	4.6	
FIELD PH	pH un	9.42	6.92	7.2	8.63	8.2	9.66	9.61	10.67	
GALLONS REMOVED	gals									1.5
SPECIFIC CONDUCTIVITY	umhos	500.	500.	495.	500.	500.	800.	900.	925.	
TEMPERATURE	Deg C	24.	23.	23.	24.	22.	23.	25	23.	
MET										
ARSENIC	50 ug/L									
CHROMIUM	100 ug/L									
LEAD	15 ug/L									
MISC										
TOC (FILTERED)	mg/L									
TOTAL ORGANIC CARBON	mg/L	3.	7.	8	< 3.	4.2	< 1	4.2	4.3	
NUT										
AMMONIA-N	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.1	
NITRATE-N	mg/L	37.4	30.2	119	25.6	23.2	21	20.1	23.3	
ORTHOPHOSPHATE-P	mg/L	< 0.2	< 0.2	4.14	0.74	0.37	0.27	0.2	0.2	
POTASSIUM	ug/L	61.8	68.	68.4	73.6	58.9	62.	53.3	54.3	
VOA										
1,2-DICHLOROETHANE	5 ug/L	220.	200.	580.	120.	210.	270	300	280.	
ACETONE	3500 ug/L	36.	< 6.	< 30	20.	< 12.	< 6	10	20	
BENZENE	5 ug/L	6.	8.	< 1.5	< 0.3	< 0.6	2.	5.	28	
TOLUENE	1000 ug/L	< 0.5	< 0.5	< 2.5	< 0.5	< 1.	< 0.5	5	7	
VINYL CHLORIDE	2 ug/L	82.	70.	77.	15.	< 2.4	3.	< 10.	16	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-127**

French Limited Project
FLFG, Inc.

			Date Collected :	10/2/95	11/1/95	12/15/95	1/22/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									2.39	1
DISSOLVED OXYGEN	PPM	0.5	0.5	0.7	1.7	2.	0.8	0.1	0.7	0.7	0.2
FIELD PH	pH un	6.45	6.45	6.93	6.8	6.31	6.73	6.68	6.31	6.31	6.73
GALLONS REMOVED	gals										15
SPECIFIC CONDUCTIVITY	umhos	750.	750.	750.	700.	750.	850.	1650.	1750.	1750	1710
TEMPERATURE	Deg C	24.	24.	23.	23.	24.	22.	23.	26.	26.	22.
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)		mg/L									81.5
TOTAL ORGANIC CARBON		mg/L	144	9.	90.	77.7	70.	44.	78.3	78.3	76.6
NUT											
AMMONIA-N		mg/L	< 0.1	< 0.1	0.1	0.1	0.7	0.85	0.6	0.6	0.4
NITRATE-N		mg/L	3.3	0.2	24.1	4.	47.9	< 0.05	< 0.2	< 0.2	0.2
ORTHOPHOSPHATE-P		mg/L	< 0.2	< 0.2	0.18	< 0.1	< 0.1	0.03	< 0.1	< 0.1	0.1
POTASSIUM		ug/L	6.18	3.11	11.1	6.01	10.9	14.	9.17	9.17	11
VOA											
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 8.	< 5.	< 5.	10
ACETONE	3500	ug/L	E 320.	36.	84.	120	< 6.	< 60.	< 10.	< 10.	20
BENZENE	5	ug/L	120.	140.	140.	150.	160.	170.	200.	200.	180
TOLUENE	1000	ug/L	39.	34.	36.	37	34.	43.	50	50	44
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 12.	< 10.	< 10.	4

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-130R**

French Limited Project
FLTG, Inc.

	Date Collected :	7/22/93	12/21/94	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units						
FLD							
DEPTH TO WATER	Ft					2.45	0.89
DISSOLVED OXYGEN	PPM			1.7	1.4	2.1	0.3
FIELD PH	pH un			7.43	7.47	7.21	7.55
GALLONS REMOVED	gals						2.5
SPECIFIC CONDUCTIVITY	umhos			850.	900.	925.	975.
TEMPERATURE	Deg C			26.	23.	25.	22.
MET							
ARSENIC	50 ug/L						
CHROMIUM	100 ug/L						
LEAD	15 ug/L						
MISC							
TOC (FILTERED)	mg/L						
TOTAL ORGANIC CARBON	mg/L	3.1	16.6	12.7	2.9	11.9	13.5
NUT							
AMMONIA-N	mg/L			< 0.1	0.2	0.2	0.1
NITRATE-N	mg/L			30.6	32.	32.	33.
ORTHOPHOSPHATE-P	mg/L			< 0.1	< 0.1	< 0.1	< 0.1
POTASSIUM	ug/L			1.46	2.4	1.64	1.58
VOA							
1,2-DICHLOROETHANE	5 ug/L	45.		500.	450.	450	260
ACETONE	3500 ug/L	< 10.		< 1000.	< 6.	< 1000.	< 10
BENZENE	5 ug/L	< 5.		< 500	27.	< 500.	49.
TOLUENE	1000 ug/L	< 5.		< 500.	5.	< 500	9.
VINYL CHLORIDE	2 ug/L	< 10.		< 1000.	< 1.2	< 1000.	4

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-130RS**

French Limited Project
F.L.G. Inc.

			Date Collected :	7/22/93	12/21/94	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft							2.85	2.2
DISSOLVED OXYGEN	PPM				2.1		0.1	0.6	0.2
FIELD PH	pH un				7.24		7.16	6.89	7.21
GALLONS REMOVED	gals								1.5
SPECIFIC CONDUCTIVITY	umhos				900.		1050.	1100.	1100.
TEMPERATURE	Deg C				25.		23.	26.	22.
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOC (FILTERED)		mg/L							
TOTAL ORGANIC CARBON		mg/L	3.1	16.6	17.4	2.9	15.9	20.8	
NUT									
AMMONIA-N		mg/L			< 0.1	< 0.1	0.1	< 0.1	
NITRATE-N		mg/L			23.2	20	17.5	14.	
ORTHOPHOSPHATE-P		mg/L			< 0.1	0.1	< 0.1	< 0.1	
POTASSIUM		ug/L			1.82	3.3	1.89	2.02	
VOA									
1,2-DICHLOROETHANE	5	ug/L	45.		1800	290.	100.	130	
ACETONE	3500	ug/L	< 10.		< 200	< 6.	< 250.	< 10.	
BENZENE	5	ug/L	< 5.		< 100	21.	< 120.	34.	
TOLUENE	1000	ug/L	< 5.		< 100	< 0.5	< 120.	J 1.	
VINYL CHLORIDE	2	ug/L	< 10.		180.	250.	180.	250.	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-134

French Limited Project
 F.L.G., Inc.

			Date Collected :	12/21/94	11/1/95	12/15/95	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									9.68	8.11
DISSOLVED OXYGEN	PPM	1.8	4.6	14.6	0.7	1.2	0.1	1.2	0.4		
FIELD PH	pH un	7.76	7.56	6.76	7.42	7.42	7.42	7.42	7.47	7.48	
GALLONS REMOVED	gals										1.5
SPECIFIC CONDUCTIVITY	umhos	550.	300.	370.	500.	525.	1000.	1000.	1000.	1100.	
TEMPERATURE	Deg C	20.2	23.	24.	22.	22.	22.	22.	23.	22	
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)	mg/L										48.9
TOTAL ORGANIC CARBON	mg/L		13.	8.	< 1.	21.6	15.	34.1	44		
NUT											
AMMONIA-N	mg/L	< 0.1	< 0.1	< 0.1	0.3	0.7	0.53	0.6	0.3		
NITRATE-N	mg/L	< 2	4.6	21.3	1.8	0.45	0.78	2.	2.9		
ORTHOPHOSPHATE-P	mg/L	< 2.	< 0.2	0.19	18.	8.72	4	1.2	0.8		
POTASSIUM	ug/L	1.36	1.35	1.35	43.1	26.4	16.	7.21	5.92		
VOA											
1,2-DICHLOROETHANE	5	ug/L	74.	91.	78.	68.	67.	85.	110.	96	
ACETONE	3500	ug/L	< 15	6.	< 15.	< 12.	< 6	< 6.	< 10	10	
BENZENE	5	ug/L	< 0.75	19.	26.	34.	27.	54.	56.	44	
TOLUENE	1000	ug/L	< 1.25	< 1.25	< 1.25	< 1.	< 0.5	< 0.5	< 5.	5	
VINYL CHLORIDE	2	ug/L	200	270.	198.	190.	19.	140.	190.	130	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-135

French Limited Project
FLTG, Inc.

	Date Collected :			12/21/94	7/5/95	12/15/95	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									12.06	11.62
DISSOLVED OXYGEN	PPM	6.8		1.	3.8	1.	1.	0.15	0.8	0.2	
FIELD PH	pH un	7.2		6.99	6.98	6.95	6.88	6.76	6.76	6.75	
GALLONS REMOVED	gals										1.25
SPECIFIC CONDUCTIVITY	umhos	650.		480.	325.	440.	500.	820.	800.	700.	
TEMPERATURE	Deg C	23.		23.	23.	23.	23.	22.	24.	22.	
MET											
ARSENIC	50 ug/L	< 3.9				< 10.	20.	22.	23.	28.	
CHROMIUM	100 ug/L	7.5				< 10.	< 10.	< 10.	< 10.	< 10.	
LEAD	15 ug/L	2.6				< 5.	< 5.	< 3.	< 5.	< 5.	
MISC											
TOC (FILTERED)	mg/L										
TOTAL ORGANIC CARBON	mg/L			6.	10.	< 3.	14.3	8.1	11.8	16	
NUT											
AMMONIA-N	mg/L	< 0.1		< 0.1	< 0.1	< 0.1	0.1	0.11	< 0.1	< 0.1	
NITRATE-N	mg/L	< 2.		< 0.1	0.52	2.2	< 0.2	< 0.05	< 0.2	< 0.2	
ORTHOPHOSPHATE-P	mg/L	< 2.		< 0.1	< 0.1	< 1	< 0.1	0.04	< 0.1	< 0.1	
POTASSIUM	ug/L	1.95		1	1.15	1.16	1.19	1.2	1.14	1.24	
VOA											
1,2-DICHLOROETHANE	5 ug/L	66.		51.	29.	15.	< 0.8	< 0.8	< 5.	< 5.	
ACETONE	3500 ug/L	< 12.		< 6	< 12.	< 6.	< 6.	< 6.	< 10	< 10	
BENZENE	5 ug/L	6.		< 0.3	< 0.6	< 0.3	< 0.3	< 0.3	< 5.	< 5.	
TOLUENE	1000 ug/L	< 1.		< 0.5	< 1.	< 0.5	< 0.5	< 0.5	< 5	< 5.	
VINYL CHLORIDE	2 ug/L	300.		120.	146.	66.	< 1.2	< 1.2	< 10.	< 2	

J = Estimated value below detection limit
E = Estimated value greater than calibration range
< = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-144**

French Limited Project
FLTG, Inc.

			Date Collected :	12/21/94	11/1/95	12/15/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									15.62	15.17
DISSOLVED OXYGEN	PPM	3.3	0.7	0.7	0.7	2.4	1.8	2.4	1.6		
FIELD PH	pH un	8.68	8.47	8.8	8.63	8.84	9.66	9.11	9.37		
GALLONS REMOVED	gals										1.25
SPECIFIC CONDUCTIVITY	umhos	420.	270.	300.	310.	325.	370.	925	320.		
TEMPERATURE	Deg C	20.	22.	21.	23.	21.	21.	23.5	21.		
MET											
ARSENIC	50	ug/L			< 10.	20.	17.	17.	17.	18.	
CHROMIUM	100	ug/L			< 10.	< 10.	< 10.	< 10	< 10		
LEAD	15	ug/L			< 5	< 5.	< 3.	< 5	< 5.		
MISC											
TOC (FILTERED)		mg/L									
TOTAL ORGANIC CARBON		mg/L	7.3	2.	1.5	< 3.	< 2.	< 1.	< 1.	1.4	
NUT											
AMMONIA-N		mg/L	0.17	< 0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	
NITRATE-N		mg/L	< 20.	< 0.2	< 0.2	< 0.2	< 0.2	0.12	< 0.2	0.2	
ORTHOPOSPHATE-P		mg/l	< 2	< 0.2	0.2	< 0.1	< 0.1	0.1	< 0.1	< 0.1	
POTASSIUM		ug/L	2.63	1.32	1.2	0.94	1.03	0.95	0.86	0.89	
VOA											
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5	< 5
ACETONE	3500	ug/L	< 6	< 6.	< 6.	< 6.	< 6.	< 6.	< 6.	< 10	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 5	< 5
TOLUENE	1000	ug/L	3.	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 5
VINYL CHLORIDE	2	ug/L	9.	< 1.2	3.	< 1.2	< 1.2	< 1.2	< 1.2	< 10	< 2

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-214**

French Limited Project
FLTG, Inc.

		Date Collected : 2/5/95		1/18/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units							
FLD								
DEPTH TO WATER	Ft						3.03	2.52
DISSOLVED OXYGEN	PPM		1.	1.4	0.1	0.7	0.7	0.1
FIELD PH	pH un		6.9	7.48	7.2	6.7	6.7	6.63
GALLONS REMOVED	gals							1.5
SPECIFIC CONDUCTIVITY	umhos		700.	575.	750.	800.	800.	700.
TEMPERATURE	Deg C		23.	21.	22.	23.5	23.5	21.
MET								
ARSENIC	50	ug/L						
CHROMIUM	100	ug/L						
LEAD	15	ug/L						
MISC								
TOC (FILTERED)		mg/L						
TOTAL ORGANIC CARBON		mg/L	< 0.7	3.	< 1.	2.5	2.5	4.2
NUT								
AMMONIA-N		mg/L	0.2	< 0.1	< 0.1	0.2	0.2	< 0.1
NITRATE-N		mg/L	5.5	1.53	< 0.05	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	60.6	5.95	1.7	1.1	1.1	0.8
POTASSIUM		ug/L	188.	88.9	70.	60.5	60.5	63.
VOA								
1,2-DICHLOROETHANE	5	ug/L	7.	< 0.8	< 0.8	< 0.8	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6	< 6.	< 6.	< 10	< 10.
BENZENE	5	ug/L	19	< 0.3	< 0.3	< 0.3	< 5	< 5
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	61.	< 1.2	< 1.2	< 1.2	< 10.	< 2.

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
INT-217**

French Limited Project
FLTG, Inc.

			Date Collected :	10/2/95	11/1/95	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								3.48	2.6
DISSOLVED OXYGEN	PPM	4.6	0.4	0.4	0.9	0.1	1	0.2		
FIELD PH	pH un	6.67	6.53	6.9	6.74	6.69	6.34	6.78		
GALLONS REMOVED	gals									1.5
SPECIFIC CONDUCTIVITY	umhos	1150.	750.	1000.	805.	1300.	1200.	415.		
TEMPERATURE	Deg C	24.	23.	23.	21.	22.	23.	21.		
MET										
ARSENIC	50	ug/L								
CHROMIUM	100	ug/L								
LEAD	15	ug/L								
MISC										
TOC (FILTERED)	mg/L									51.5
TOTAL ORGANIC CARBON	mg/L	58.	74.	< 2.5	56.8	48.4	53.8	54.9		
NUT										
AMMONIA-N	mg/L	0.6	< 0.1	1.1	0.4	0.1	0.1	< 0.1		
NITRATE-N	mg/L	< 0.2	0.8	0.51	< 0.2	< 0.05	< 0.2	< 0.2		
ORTHOPHOSPHATE-P	mg/L	< 0.2	< 0.2	206	5.9	1.	0.4	< 0.1		
POTASSIUM	ug/L	1.45	1.33	385.	19.6	2.1	1.35	0.78		
VOA										
1,2-DICHLOROETHANE	5	ug/L	30.	< 0.8	< 0.8	< 0.8	< 0.8	< 5.	< 5	
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 6.	< 6.	< 10.	< 10	
BENZENE	5	ug/L	24.	14.	22	51.	16.	22	18	
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	12.	< 0.5	< 5	6	
VINYL CHLORIDE	2	ug/L	63.	41.	51.	8.	9.	17	5	

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-233

French Limited Project
FLTG, Inc.

			Date Collected : 9/1/95	11/1/95	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft							6.48	5.92
DISSOLVED OXYGEN	PPM	1.2	0.3		0.7	0.12	0.7	0.1	
FIELD PH	pH un	6.08	6.37	6.84	6.79	6.65	6.7	7.21	
GALLONS REMOVED	gals								1.5
SPECIFIC CONDUCTIVITY	umhos	3000.	4000.	750.	1200.	2050.	1800.	1500	
TEMPERATURE	Deg C	25.	21.	24.	22.	22.	25.	21.	
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOC (FILTERED)		mg/L							66.9
TOTAL ORGANIC CARBON		mg/L	3130.	2850.	1800.	264.	100.	98.9	59.1
NUT									
AMMONIA-N		mg/L	< 0.1	0.4	2.6	1.2	7.8	8.7	5.7
NITRATE-N		mg/L	0.3	0.3	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	< 0.2	< 0.2	< 0.1	5.52	5.5	4.6	3.9
POTASSIUM		ug/L	4.72	2.83	16.2	10.5	13.	9.09	9.63
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 400.	< 80.	< 160.	< 2.7	< 8.	< 16.	< 5
ACETONE	3500	ug/L	76000.	7600.	27000	< 19.8	< 60.	< 33.	< 10
BENZENE	5	ug/L	2300.	1400.	740.	370.	350.	500.	< 5.
TOLUENE	1000	ug/L	< 250.	< 50.	< 100.	140.	100.	19.	J 2.
VINYL CHLORIDE	2	ug/L	8500.	3000.	< 240.	< 4.	< 12.	< 33.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-031

French Limited Project
FLTG, Inc.

		Date Collected :		9/5/94	8/2/95	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								7.46	6.82
DISSOLVED OXYGEN	PPM			15.	0.6	1.5	0.02	0.9	0.1	
FIELD PH	pH un			6.91	7.22	7.49	7.4	6.84	7.06	
GALLONS REMOVED	gals								1.5	
SPECIFIC CONDUCTIVITY	umhos			700.	600.	300.	450.	1050.	850.	
TEMPERATURE	Deg C			24.	23.	21.	23.	25.5	21.	
MET										
ARSENIC	50	ug/L			< 10.	< 10.	< 10.	< 10.	< 10.	
CHROMIUM	100	ug/L			13.	< 10.	< 10.	< 10.	< 10.	
LEAD	15	ug/L			5.	< 5.	< 3	< 5.	< 5	
MISC										
TOC (FILTERED)		mg/L								
TOTAL ORGANIC CARBON		mg/L		15.	9.	4.1	< 1.	11.4	8.8	
NUT										
AMMONIA-N		mg/L			0.2	0.6	0.29	0.2	0.2	
NITRATE-N		mg/L			26.5	2.8	0.16	< 0.2	< 0.2	
ORTHOPHOSPHATE-P		mg/L			5.48	1.7	0.52	0.2	< 0.1	
POTASSIUM		ug/L			144.	93.8	32.	10.9	4.7	
VOA										
1,2-DICHLOROETHANE	5	ug/L	< 0.8		< 0.8	< 0.8	< 0.8	< 5.	< 5.	
ACETONE	3500	ug/L	< 6.		< 6.	< 6.	< 6.	< 10.	< 10.	
BENZENE	5	ug/L	< 0.3		< 0.3	< 0.3	< 0.3	< 5.	< 5.	
TOLUENE	1000	ug/L	< 0.5		< 0.5	< 0.5	< 0.5	< 5.	< 5.	
VINYL CHLORIDE	2	ug/L	< 1.2		< 1.2	< 1.2	< 1.2	< 10.	< 2.	

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-033

French Limited Project
F.L.T.G., Inc.

		Date Collected : 3/22/94		1/16/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units							
FLD								
DEPTH TO WATER	Ft						3.43	3.04
DISSOLVED OXYGEN	PPM		0.4	1.6	0.16	1.2	0.15	
FIELD PH	pH un		6.48	7.23	6.69	6.58	6.75	
GALLONS REMOVED	gals							1.5
SPECIFIC CONDUCTIVITY	umhos		495.	450.	700.	1150.	510.	
TEMPERATURE	Deg C		23.	20.	22.	24.	21.	
MET								
ARSENIC	50 ug/L		< 10.	< 10.	< 10.	13.	< 10.	
CHROMIUM	100 ug/L		< 10.	< 10.	< 10.	< 10.	< 10.	
LEAD	15 ug/L		< 5.	< 5.	< 3.	< 5.	< 5.	
MISC								
TOC (FILTERED)	mg/L							
TOTAL ORGANIC CARBON	mg/L		< 3.	3.5	< 1.	7.6	9.6	
NUT								
AMMONIA-N	mg/L		< 0.1	< 0.1	< 0.1	0.2	0.2	
NITRATE-N	mg/L		131.	288.	0.78	< 0.2	< 0.2	
ORTHOPHOSPHATE-P	mg/L		1.2	0.6	0.49	0.4	< 0.1	
POTASSIUM	ug/L		68.1	59.5	88.	65.3	63.4	
VOA								
1,2-DICHLOROETHANE	5 ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 5.	< 5.	
ACETONE	3500 ug/L	< 6.	< 6	< 6.	< 6.	< 10.	< 10	
BENZENE	5 ug/L	< 0.3	< 0.3	< 0.3	< 0.3	< 5.	< 5	
TOLUENE	1000 ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5.	
VINYL CHLORIDE	2 ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2	

J = Estimated value below detection limit
E = Estimated value greater than calibration range
< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-051-P-3

French Limited Project
 FLTGI, Inc.

			Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units							
FLD								
DEPTH TO WATER	Ft						3.67	2.61
DISSOLVED OXYGEN	PPM	0.6	1.8	1.7	0.7	0.1		
FIELD PH	pH un	6.86	6.92	6.87	6.63	6.53		
GALLONS REMOVED	gals							1.25
SPECIFIC CONDUCTIVITY	umhos	500.	450.	820.	900.	800.		
TEMPERATURE	Deg C	21.	20.	23.	24.	21.		
MET								
ARSENIC	50	ug/L						
CHROMIUM	100	ug/L						
LEAD	15	ug/L						
MISC								
TOC (FILTERED)		mg/L						
TOTAL ORGANIC CARBON		mg/L	< 3.	11.3	7.8	14.8	16.7	
NUT								
AMMONIA-N		mg/L	0.8	0.9	0.96	1.3	1.7	
NITRATE-N		mg/L	7.4	4.2	3.8	< 0.2	< 0.2	
ORTHOPHOSPHATE-P		mg/L	< 0.1	< 0.1	0.09	< 0.1	< 0.1	
POTASSIUM		ug/L	37.9	54.8	81.	72.	72.1	
VOA								
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5	< 5.	
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-106A

French Limited Project
FLTG, Inc.

		Date Collected :						
		11/1/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	
Criteria	Units							
FLD								
DEPTH TO WATER	Ft					2.28	0.7	
DISSOLVED OXYGEN	PPM	15.	15.	12.6	7.6	1.	1.	
FIELD PH	pH un	6.74	6.7	7.52	7.26	6.96	6.85	
GALLONS REMOVED	gals						1.5	
SPECIFIC CONDUCTIVITY	umhos	470.	450.	400.	800.	850.	800.	
TEMPERATURE	Deg C	25.	24.	21.	22.	24.	20.	
MET								
ARSENIC	50 ug/L							
CHROMIUM	100 ug/L							
LEAD	15 ug/L							
MISC								
TOC (FILTERED)	mg/L							
TOTAL ORGANIC CARBON	mg/L	3.	< 3.	< 2.	< 1.	2.5	3.9	
NUT								
AMMONIA-N	mg/L	< 0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1	
NITRATE-N	mg/L	21.7	92.3	16.6	23.3	11.4	16.2	
ORTHOPHOSPHATE-P	mg/L	< 0.2	0.71	0.6	1.	0.6	0.8	
POTASSIUM	ug/L	35.	47.	43.1	52.	29.	36.5	
VOA								
1,2-DICHLOROETHANE	5 ug/L	< 0.8	< 0.8	< 0.8	7.	< 5	< 5.	
ACETONE	3500 ug/L	< 6.	< 6.	< 6.	< 6.	< 10.	< 10.	
BENZENE	5 ug/L	< 0.3	< 0.3	< 0.3	< 0.3	< 5	< 5.	
TOLUENE	1000 ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5.	
VINYL CHLORIDE	2 ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2.	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
S1-106(R)**

French Limited Project
FLTG, Inc.

			Date Collected :	12/21/94	4/4/95	7/5/95	9/1/95	10/2/95	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									6.71	4.6
DISSOLVED OXYGEN	PPM	0.6	0.5	0.4	0.2	0.2	0.1	0.1	0.9	0.2	
FIELD PH	pH un	6.61	6.81	6.54	6.42	6.65	6.77	6.63	6.63	6.78	
GALLONS REMOVED	gals										1.75
SPECIFIC CONDUCTIVITY	umhos	1000.	700.	800.	650.	500.	1100.	1025.	1025.	1200.	
TEMPERATURE	Deg C						21.	23.	23.	20.	
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)	mg/L										29.
TOTAL ORGANIC CARBON	mg/L	20.9	11.	23.	23.	30.	9.	18.8	18.8	25.6	
NUT											
AMMONIA-N	mg/L	1.7	0.37	1.6	1.65	1.45	3.2	3.3	3.3	1.8	
NITRATE-N	mg/L	< 2.	< 0.2	< 0.1	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	
ORTHOPHOSPHATE-P	mg/L	< 2.	< 0.2	< 0.1	< 0.2	0.3	16.	6.9	6.9	5.4	
POTASSIUM	ug/L	22.2	2.84	30.6	49.6	44.2	53.	54.5	54.5	42.6	
VOA											
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 0.8	8.	< 0.8	< 5	< 5	
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 6.	< 6.	< 6.	< 10.	< 10	
BENZENE	5	ug/L	28.	4.	< 0.3	18	32.	36.	25	34	
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.	< 5.	
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2.	

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-108A

French Limited Project
FLTG, Inc.

			Date Collected : 11/1/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units							
FLD								
DEPTH TO WATER	Ft						5.61	4.26
DISSOLVED OXYGEN	PPM	0.5	2.	1.8	0.1	0.8	0.1	
FIELD PH	pH un	5.98	6.07	7.08	6.8	6.42	6.52	
GALLONS REMOVED	gals							2.
SPECIFIC CONDUCTIVITY	umhos	425.	470.	400.	650.	775.	625.	
TEMPERATURE	Deg C	25.	22.	20.	25.	25.	20.	
MET								
ARSENIC	50	ug/L						
CHROMIUM	100	ug/L						
LEAD	15	ug/L						
MISC								
TOC (FILTERED)	mg/L							
TOTAL ORGANIC CARBON	mg/L	8.	51.6	3.8	1.1	4.5	8.	
NUT								
AMMONIA-N	mg/L	0.8	0.2	< 0.1	0.67	0.4	0.4	
NITRATE-N	mg/L	5.8	51.6	4.2	0.47	0.3	< 0.2	
ORTHOPHOSPHATE-P	mg/L	< 0.2	0.33	0.1	0.23	0.1	< 0.1	
POTASSIUM	ug/L	17.9	28.2	34.2	38	34.7	28.7	
VOA								
1,2-DICHLOROETHANE	5	ug/L	10.	< 0.8	< 0.8	< 0.8	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 6.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	4.	< 0.3	< 5.	< 5
TOLUENE	1000	ug/L	< 0.5	< 0.5	3.	< 0.5	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-111

French Limited Project

FLTG, Inc.

			Date Collected :	12/29/93	12/21/94	12/15/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									3.79	2.72
DISSOLVED OXYGEN	PPM			15.	15.	15.	15.	15.	15.	8.9	2.2
FIELD PH	pH un			9.3	7.84	7.74	7.18	7.53	7.53	6.8	6.97
GALLONS REMOVED	gals										1.5
SPECIFIC CONDUCTIVITY	umhos			800.	525.	900.	600.	1050.	1050.	1050.	850.
TEMPERATURE	Deg C			24.	21.	22.	21.	22.	22.	24.	21
MET											
ARSENIC	50 ug/L			26.3			< 10.	< 10.	< 10.	< 10.	< 10.
CHROMIUM	100 ug/L			132.			12.	< 10.	< 10.	< 10.	< 10
LEAD	15 ug/L			98.4			9.	< 5.	< 3.	< 5.	< 5
MISC											
TOC (FILTERED)	mg/L										
TOTAL ORGANIC CARBON	mg/L		16.	3.4	6.7	9.					
NUT											
AMMONIA-N	mg/L	0.88		< 0.1	< 0.1						
NITRATE-N	mg/L	< 0.05		< 2	231.						
ORTHOPHOSPHATE-P	mg/L	0.25		< 2	18.5						
POTASSIUM	ug/L	3.58		155.	126.				170.		
VOA											
1,2-DICHLOROETHANE	5 ug/L	< 5.		< 0.8	< 0.8						
ACETONE	3500 ug/L	< 10.		< 6	< 6.						
BENZENE	5 ug/L	16.		< 0.3	< 0.3						
TOLUENE	1000 ug/L	< 5.		< 0.5	< 0.5						
VINYL CHLORIDE	2 ug/L	< 10.		< 1 2	< 1.2						

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-118

French Limited Project
F.L.P.G., Inc.

Date Collected :			12/29/93	12/21/94	12/15/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units									
FLD										
DEPTH TO WATER	Ft								8.95	8.99
DISSOLVED OXYGEN	PPM		3.4	2.2	1.6	1.6	0.8	1.2	0.15	
FIELD PH	pH un		6.55	8.	6.67	6.74	6.28	6.35	6.5	
GALLONS REMOVED	gals									1.5
SPECIFIC CONDUCTIVITY	umhos		308.	470.	200.	500.	310.	825.	355.	
TEMPERATURE	Deg C		24.	21.	24.	21.	26.	27.	23.	
MET										
ARSENIC	50	ug/L	5.6		< 10.	< 10.	< 10	< 10	27	
CHROMIUM	100	ug/L	5.3		< 10.	< 10.	< 10.	< 10	< 10.	
LEAD	15	ug/L	6.3		< 5.	< 5.	< 3.	< 5.	< 5	
MISC										
TOC (FILTERED)	mg/L									
TOTAL ORGANIC CARBON	mg/L	19.	9.4	9.	< 0.5	6.2	6.1	5.7	9.1	
NUT										
AMMONIA-N	mg/L		0.13		< 0.1	0.1	0.2	0.3	< 0.1	
NITRATE-N	mg/L		< 2.		< 0.2	< 0.2	< 0.05	< 0.2	0.4	
ORTHOPHOSPHATE-P	mg/L		< 2.		< 0.1	< 0.1	0.05	< 0.1	< 0.1	
POTASSIUM	ug/L		3.63		2.7	1.72	1.5	1.89	1.74	
VOA										
1,2-DICHLOROETHANE	5	ug/L	7.	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	22.	< 6.	< 6.	< 6.	< 6.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 5	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-121

French Limited Project
FLTG, Inc.

		Date Collected :								
		12/21/94	11/1/95	12/15/95	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97	
Criteria	Units									
FLD										
DEPTH TO WATER	Ft							8.79	7.88	
DISSOLVED OXYGEN	PPM	3.1	0.6	4.4	10.2	1.7	0.1	1.	0.1	
FIELD PH	pH un	7.78	6.32	6.66	6.8	6.84	6.85	6.89	6.77	
GALLONS REMOVED	gals								2.25	
SPECIFIC CONDUCTIVITY	umhos	900.	750.	700.	750.	750.	1300.	1300.	1150	
TEMPERATURE	Deg C	23.	24.	25.	24.	23.	23.	25.	22	
MET										
ARSENIC	50 ug/L	10.1								
CHROMIUM	100 ug/L	9.								
LEAD	15 ug/L	7.2								
MISC										
TOC (FILTERED)	mg/L									
TOTAL ORGANIC CARBON	mg/L	20.	17.	35.	108.	14.6	5.2	5.1	9.5	
NUT										
AMMONIA-N	mg/L	0.43	0.1	0.1	0.1	0.7	0.58	< 0.1	< 0.1	
NITRATE-N	mg/L	< 2.	2.4	< 0.2	56.2	< 0.2	0.75	6.	9.9	
ORTHOPHOSPHATE-P	mg/L	< 2.	< 0.2	< 0.1	< 0.1	< 0.1	0.03	< 0.1	< 0.1	
POTASSIUM	ug/L	3090.	3.86	4.79	108.	19.	43.	34.6	53.8	
VOA										
1,2-DICHLOROETHANE	5 ug/L	26.	12.	48.	40.	24.	8.	3.	< 5.	
ACETONE	3500 ug/L	< 6.	< 6.	324.	< 6.	< 6.	< 6.	< 10	< 10	
BENZENE	5 ug/L	2.	6.	57.	< 0.3	5.	4.	< 5	< 5	
TOLUENE	1000 ug/L	< 0.5	2.	24.	< 0.5	< 0.5	< 0.5	< 5.	< 5	
VINYL CHLORIDE	2 ug/L	< 1.2	49.	311.	17.	66.	8.	< 10.	< 2	

J = Estimated value below detection limit
E = Estimated value greater than calibration range
< = Analyte not detected at listed detection limit

**GROUNDWATER PROGRESS MONITORING
S1-123**

**French Limited Project
FLTG, Inc.**

			Date Collected :	12/21/94	11/1/95	12/15/95	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units										
FLD											
DEPTH TO WATER	Ft									1.67	0.1
DISSOLVED OXYGEN	PPM	8.		15.	14.6	3.2	2.2	5.	1.2	0.2	
FIELD PH	pH un	7.18		6.79	6.76	7.13	6.98	6.84	6.58	6.95	
GALLONS REMOVED	gals									1.5	
SPECIFIC CONDUCTIVITY	umhos	600.		475.	370.	500.	550.	1130.	1100.	975	
TEMPERATURE	Deg C	23.5		25.	24.	25.	22.	24.	26.	23.	
MET											
ARSENIC	50	ug/L									
CHROMIUM	100	ug/L									
LEAD	15	ug/L									
MISC											
TOC (FILTERED)	mg/L										
TOTAL ORGANIC CARBON	mg/L			6.	8.	0.43	4.8	9.3	6.8	11.4	
NUT											
AMMONIA-N	mg/L	0.11		< 0.1	< 0.1	< 0.1	0.3	0.44	0.6	0.6	
NITRATE-N	mg/L	4.2		9.9	7.35	2.4	0.2	< 0.05	< 0.2	< 0.2	
ORTHOPHOSPHATE P	mg/L	< 2.		< 0.2	0.81	0.43	0.3	0.94	0.2	< 0.1	
POTASSIUM	ug/L	16.9		24.9	5.3	8.2	17.	28.	7.85	8.05	
VOA											
1,2-DICHLOROETHANE	5	ug/L	320.	1000.	18.	180.	680.	19000	4.	< 5	
ACETONE	3500	ug/L	< 120.	< 150.	< 12.	4.	< 60.	< 60.	< 10.	< 10	
BENZENE	5	ug/L	< 6.	< 7.5	< 0.6	< 0.3	< 3	< 3	< 5.	< 5.	
TOLUENE	1000	ug/L	< 10.	< 12.5	< 1.	< 0.5	< 5.	43.	< 5.	< 5.	
VINYL CHLORIDE	2	ug/L	< 24.	< 30.	< 2.4	4.	< 12.	2600.	21.	5	

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
SI-131

French Limited Project
 FLTG, Inc.

	Date Collected : 7/17/93		5/5/95	6/6/95	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft							3.24	5.8
DISSOLVED OXYGEN	PPM		5.	9.4	9.	1.4	0.07	0.8	0.1
FIELD PH	pH un		6.96	6.88	7.22	7.53	6.98	7.16	7.81
GALLONS REMOVED	gals								1.5
SPECIFIC CONDUCTIVITY	umhos		1000.	1200.	600.	550.	1300.	1300.	900.
TEMPERATURE	Deg C		24.	24.	24.	22.	23.	25.	21.
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOC (FILTERED)		mg/L							29.
TOTAL ORGANIC CARBON		mg/L			< 3.	20.8	17.	42.7	26.1
NUT									
AMMONIA-N		mg/L	0.1		< 0.1	1.8	2.2	2.2	1.9
NITRATE-N		mg/L	5.7		8.6	306.	< 0.05	0.4	3.1
ORTHOPHOSPHATE-P		mg/L	< 0.7		< 0.1	< 0.1	0.03	< 0.1	< 0.1
POTASSIUM		ug/L	14.		62.6	91.9	94.	93.4	19.
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 25.	< 80.	< 0.8	< 0.8	6	< 5	< 5
ACETONE	3500	ug/L	< 50.	10000.	< 6.	< 6.	17.	< 10	< 10
BENZENE	5	ug/L	600.	< 30.	8.	21.	31.	32.	J 3.
TOLUENE	1000	ug/L	48.	< 50.	3.	< 0.5	< 0.5	< 5	< 5.
VINYL CHLORIDE	2	ug/L	< 50.	< 120	< 1.2	< 1.2	< 1.2	< 10.	< 2

J = Estimated value below detection limit
 E = Estimated value greater than calibration range
 < = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
S1-135

French Limited Project
FI TG, Inc.

		Date Collected :								
		12/29/93	12/21/94	12/15/95	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	
Criteria	Units									
FLD										
DEPTH TO WATER	Ft							7.18	6.96	
DISSOLVED OXYGEN	PPM	2.8	0.8	0.6	1.6	1.7	0.1	0.6	0.1	
FIELD PH	pH un	6.12	6.17	6.24	6.46	6.58	6.27	6.28	6.22	
GALLONS REMOVED	gals								2.25	
SPECIFIC CONDUCTIVITY	umhos	400.	455.	420.	350.	300.	450.	1000.	400.	
TEMPERATURE	Deg C	20.	24.	25.	23.	21.	23.	25.	21	
MET										
ARSENIC	50 ug/L		209.	195.	169.	40.	62.	69.	47.9	
CHROMIUM	100 ug/L		4.9	13.	13.	< 10.	< 10.	< 10.	5.2	
LEAD	15 ug/L		< 2.5	< 5.	5.	< 5.	5.1	< 5.	< 0.8	
MISC										
TOC (FILTERED)	mg/L									
TOTAL ORGANIC CARBON	mg/L		18.1	52.	< 0.5	16.4	16.	16.5	18.4	
NUT										
AMMONIA-N	mg/L		0.38		0.9	0.7	0.44	0.4	0.2	
NITRATE-N	mg/L		< 2.		< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	
ORTHOPHOSPHATE-P	mg/L		< 2.		< 0.1	< 0.1	0.18	< 0.1	< 0.1	
POTASSIUM	ug/L		3.98		7.33	5.57	3.8	3.81	3.61	
VOA										
1,2-DICHLOROETHANE	5 ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 5.	< 5	
ACETONE	3500 ug/L	< 6.	< 6.	< 6.	< 6.	< 6.	< 6.	< 10.	< 10	
BENZENE	5 ug/L	< 0.3	< 0.3	< 0.3	< 0.3	3.	< 0.3	< 5	< 5	
TOLUENE	1000 ug/L	5.	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5.	< 5.	
VINYL CHLORIDE	2 ug/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 10.	< 2	

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit



Remedial Operations Group, Inc.

17563 Compass Rose Circle
Crosby, TX 77532

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Attachment B

Duplicate Precision Summary

Field Duplicate Precision Summary

Well	Compound	Units	Sample	Duplicate	% RPD
					Sample vs Dup
INT-134	Ammonia as N	mg/L	0.3	0.4	29%
	Nitrate as N	mg/L	2.9	3.3	13%
	Orthophosphate	mg/L	0.8	0.8	0%
	TOC-Filtered	mg/L	48.9	46.4	5%
	TOC-Unfiltered	mg/L	44	45.6	4%
	Vinyl chloride	ug/L	130	160	21%
	Benzene	ug/L	42	66	44%
	1,2-Dichloroethane	ug/L	89	100	12%
	Toluene	ug/L	< 5	< 5	NC
	Acetone	ug/L	< 10	< 10	NC

Well	Compound	Units	Sample	Duplicate	% RPD
					Sample vs Dup
INT-127	Ammonia as N	mg/L	0.4	0.4	0%
	TOC-Filtered	mg/L	81.5	84.9	4%
	TOC-Unfiltered	mg/L	76.6	72.6	5%
	Vinyl chloride	ug/L	< 4	< 4	NC
	Benzene	ug/L	180	190	5%
	1,2-Dichloroethane	ug/L	< 10	< 10	NC
	Toluene	ug/L	44	45	2%
	Acetone	ug/L	< 20	< 20	NC



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Attachment C
Total Organic Carbon
Filtered vs. Unfiltered
Results Summary

TOTAL ORGANIC CARBON
Filtered vs Unfiltered Comparison

	Units	Total Organic Carbon	
		Filtered	Unfiltered
INT-101	mg/L	12.9	7.4
INT-106	mg/L	32	27.1
INT-127	mg/L	81.5	76.6
INT-127D	mg/L	84.9	72.6
INT-134	mg/L	48.9	44
INT-134D	mg/L	46.4	45.6
INT-217	mg/L	51.5	54.9
INT-233	mg/L	66.9	62.9
INT-26	mg/L	31.5	28
S1-106R	mg/L	29	25.6
S1-120	mg/L	<1	4.9
S1-131	mg/L	29	28